



# FlexFit (Hybrid UL Type A + B) T8

## 12.5T8/COR/48-840/FF18/G/DIM 25/1

Philips FlexFit (Hybrid UL Type A + B) lamps are designed with the customer in mind for installation flexibility. The FlexFit lamp can operate as both a plug and play (UL Type-A) and double-ended direct wire (UL Type-B). As with all Philips products, the FlexFit family of lamps are compatible with more ballasts than any manufacturer giving the customer peace of mind during installation. Additionally, the long life (50K hours) delivers reduced maintenance and replacement costs. If the ballast should fail, simply cut the ballast from the system and wire the tube directly to line voltage (120-277V)!

### Product data

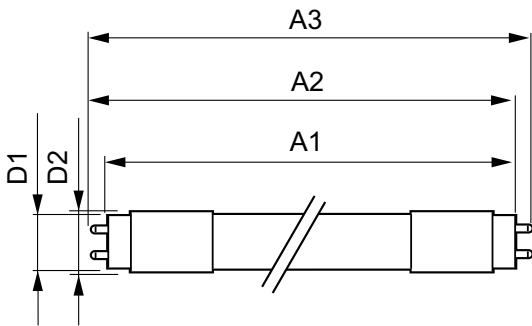
General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		
Nominal lifetime	50,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	220 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	1,800 lm	Power Consumption	12.5 13 W
Color Designation	Cool White (CW)	Lamp Current (Max)	110 mA
Correlated Color Temperature (Nom)	4000 K	Lamp Current (Min)	45 mA
Luminous Efficacy (rated) (Nom)	138 lm/W	Wattage Equivalent	32 W
Color Consistency	<6	Starting Time (Nom)	0.5 s
Color rendering index (CRI)	82	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277 V
		UL Type	UL Type A+B
		Temperature	
		Ambient temperature range	-20 °C to 45 °C

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T-Case Maximum (Nom)	60 °C
<b>Controls and Dimming</b>	
Dimmable	Only with specific dimmers
<b>Mechanical and Housing</b>	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8
<b>Approval and Application</b>	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance

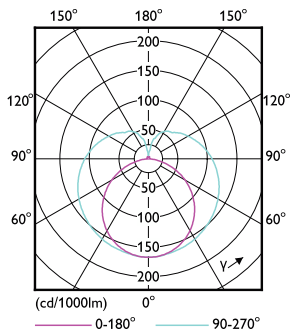
<b>Application Conditions</b>	
can it be used in closed luminaires	Yes
<b>Product Data</b>	
Order product name	12.5T8/COR/48-840/FF18/G/DIM 25/1
Full product name	12.5T8/COR/48-840/FF18/G/DIM 25/1
Order code	929002317304
Material Nr. (12NC)	929002317304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677600181
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677600186

## Dimensional drawing

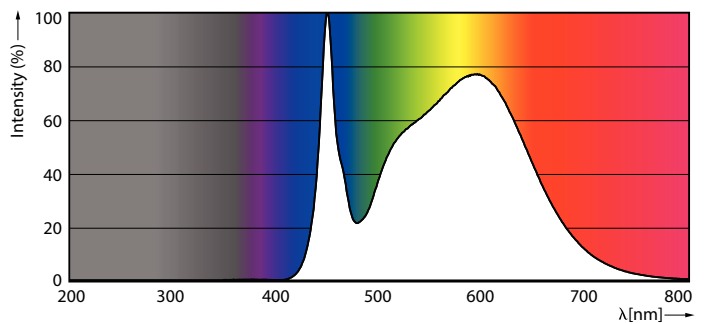


Product	D1	D2	A1	A2	A3
12.5T8/COR/48-840/FF18/G/DIM 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

## Photometric data



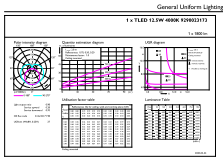
Light Distribution Diagram



Spectral Power Distribution Colour - 12.5T8/COR/48-840/FF18/G/DIM 25/1

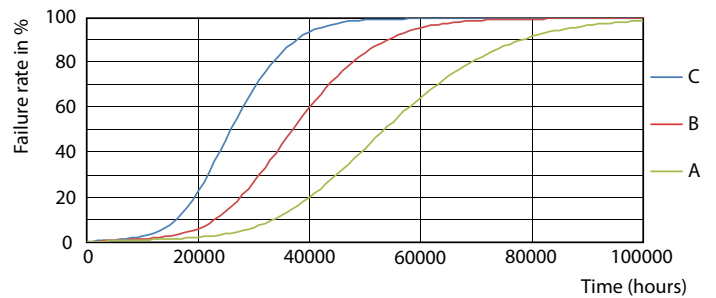
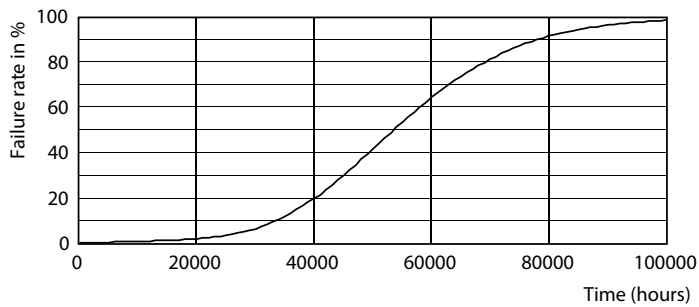
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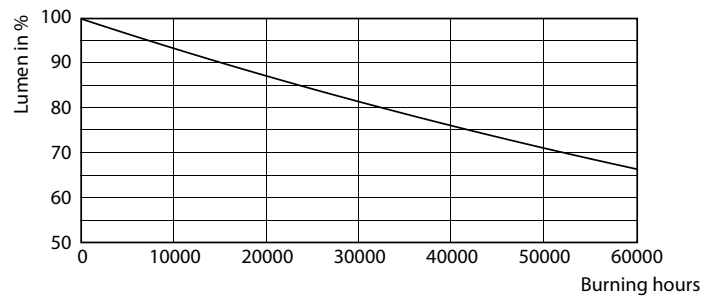
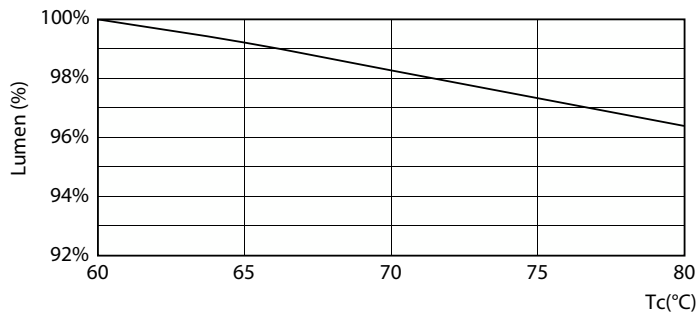
General uniform lighting - 12.5T8/COR/48-840/FF18/G/DIM 25/1

## Lifetime



Life Expectancy Diagram - 12.5T8/COR/48-840/FF18/G/DIM 25/1

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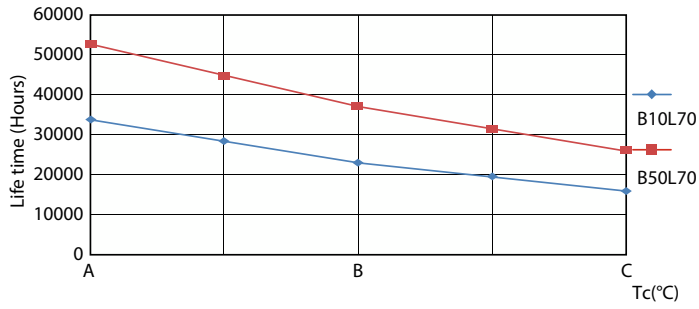


Lumen Maintenance Diagram

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